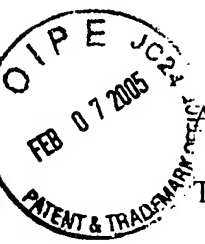


IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hiroshi Akimoto and Sergey S. Kramer

Filing Date: August 21, 2003

Title: Method and System for Video Sequence Real-Time Group Art: 2643  
Motion Compensated Temporal Upsampling

Examiner: Unknown

Serial No.: 10/646,635

Docket No.: SCT109U

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

TRANSMITTAL

**Information Disclosure Statement under 37 CFR § 1.97 (as amended)**

In reference to the above identified application are the following Documents:

1. Information Disclosure Statement ( 2 pages);
2. FORM PTO-A820 (2 pages);
3. References (3); and
4. Return Postcard.

*Garrison & Associates PS*

David L. Garrison  
Registration No. 24,298  
Customer No. 20,482  
2001 Sixth Avenue, Suite 3300  
Seattle, WA 98121-2522  
Tel. (206) 441-3440  
Fax: (206) 441-7362

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence (and any correspondence being indicated as attached or enclosed) is being ☐ deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:  
Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Washington, D.C. 22313-1450.

on February 3, 2005  
Date

  
Signature

Susan J. Hiles  
Name of person signing certificate



PATENT

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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97 (as amended)

In compliance with Applicants and their attorney's duty of disclosure under 37 CFR § 1.56, Applicants submit herewith documents of which they are aware and which they believe may be material to the examination of this application, and in respect of which there may be a duty to disclose.

While the Information Disclosure Statement may cite materials which are "material" to examination of the Application pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such. In accordance with 37 CFR § 1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(b) exists.

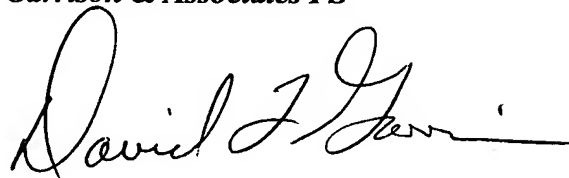
Copies of each of the above noted references (4) are enclosed.

The documents listed on the attached Form PTO-A820 are either patents previously issued to the inventor or are patents or other references which have become known to the inventor prior to the filing of this application. While each reference relates to the broad general

area of interest within which the present invention falls, or may disclose manufacturing techniques which might be useful in some aspects of the present invention, it is submitted that none of the references, either taken singularly or in combination, would render the claims of the present invention obvious to one of ordinary skill in the art.

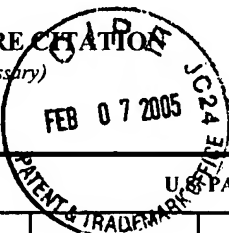
Respectfully submitted,

***Garrison & Associates PS***

A handwritten signature in black ink, appearing to read "David L. Garrison". The signature is fluid and cursive, with a large initial "D" and "G".

David L. Garrison  
Registration No. 24,298  
Customer No. 20,482  
2001 Sixth Avenue, Suite 3300  
Seattle, WA 98121-2522  
Tel. (206) 441-3440  
Fax: (206) 441-7362

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>SCT109U</b>		Application Number <b>10/646,635</b>	
				Applicant(s) <b>Hiroshi Akimoto and Sergey S. Kramer</b>			
				Filing Date <b>August 21, 2003</b>		Group Art Unit <b>2643</b>	



U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,137,165	11/13/01	Balram et al.	348	699	11/19/99
		6,317,460	11/13/01	Lee	375	240.16	5/12/98
		6,377,621	4/23/02	Borer	375	240	
		6,385,245	5/7/02	De Haan et al.	375	240.16	9/18/98

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
		T. Meier, K. N. Ngan, G. Crebbin, Reduction of Blocking Artifacts in Image and Video Coding IEEE Trans. on CSVT, 9(3):490-500, Apr. 1999.
		A.M. Tourapis, O.C. Au, M.L. Liou, New Results on Zonal Based Motion Estimation Algorithms - Advanced Predictive Diamond Zonal Search, Department of Electrical and Electronic Engineering, The Hong Kong University of Science and Technology.

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>SCT109U</b>		Application Number <b>10/646,635</b>			
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<b>FOREIGN PATENT DOCUMENTS</b>									
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
							YES	NO	
<b>OTHER DOCUMENTS</b>								<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
		A.M. Tourapis, Hye-Yeon Cheon, Ming L. Liou, Oscar C. Au, Temporal Interpolation of Video Sequences Using Zonal Based Algorithms, Department of Electrical and Electronic Engineering, The Hong Kong University of Science and Technolgy.							
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